

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081318\
 Data File : VN050568.D
 Acq On : 13 Aug 2018 15:08
 Operator : MD\SY
 Sample : PB111961ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111961ZHE#01

Quant Time: Aug 14 01:48:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	632263	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1018431	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	886598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	321243	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	437052	51.74	ug/l	0.00
Spiked Amount			Recovery	=	103.48%	
35) Dibromofluoromethane	7.59	113	401065	49.08	ug/l	0.00
Spiked Amount			Recovery	=	98.16%	
50) Toluene-d8	10.09	98	1420060	46.22	ug/l	0.00
Spiked Amount			Recovery	=	92.44%	
62) 4-Bromofluorobenzene	12.40	95	396753	37.89	ug/l	0.00
Spiked Amount			Recovery	=	75.78%	

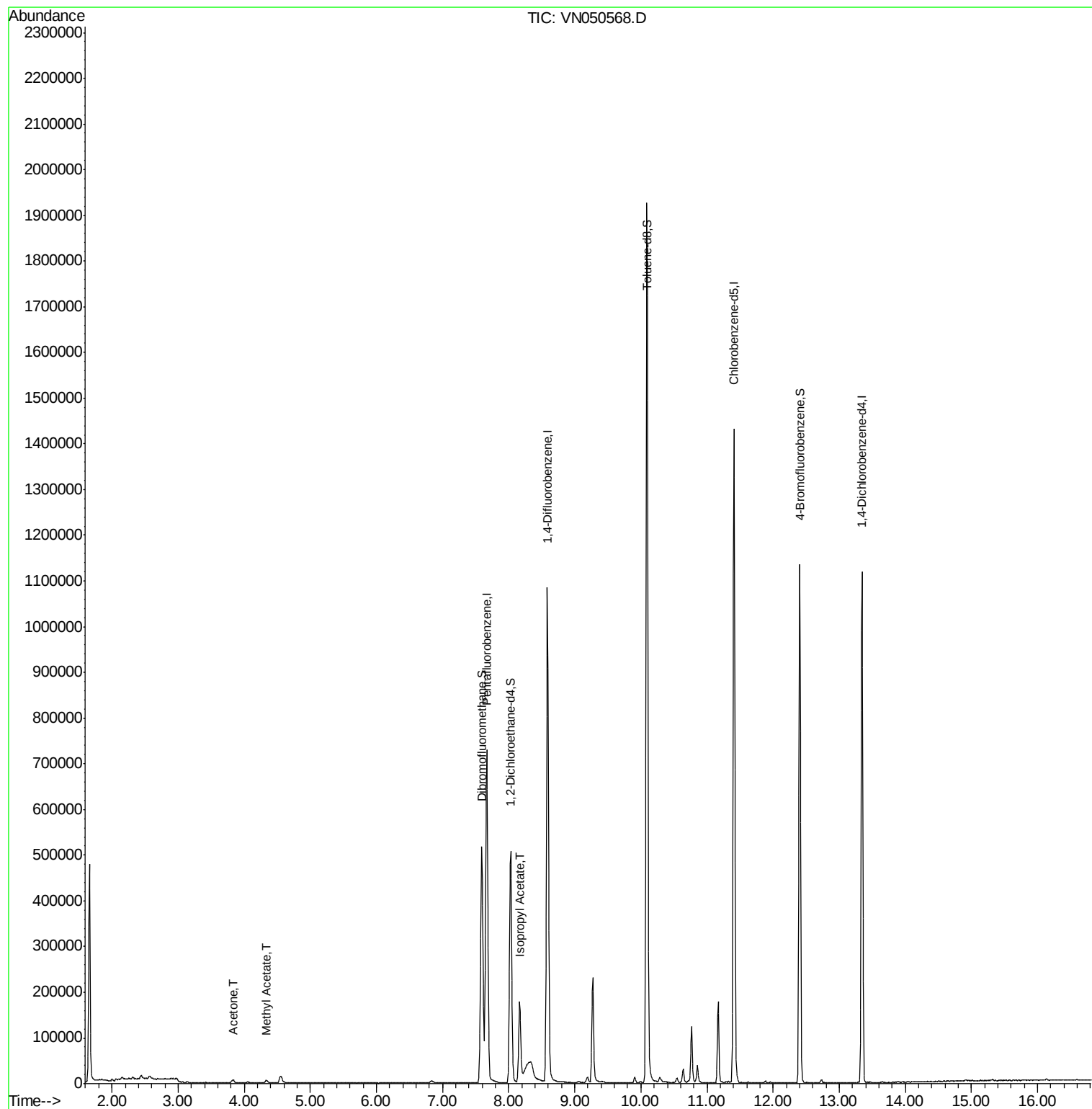
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	12447	4.59	ug/l	99
18) Methyl Acetate	4.33	43	11179	1.52	ug/l	95
43) Isopropyl Acetate	8.17	43	210472	15.13	ug/l	99

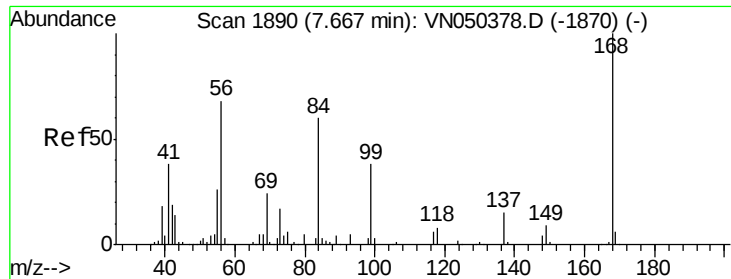
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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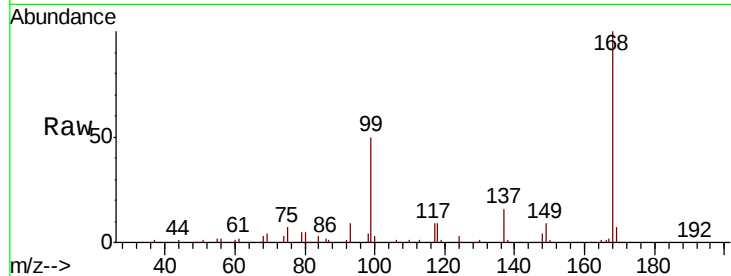


#1

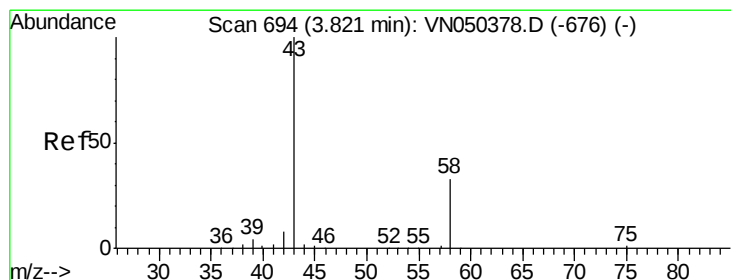
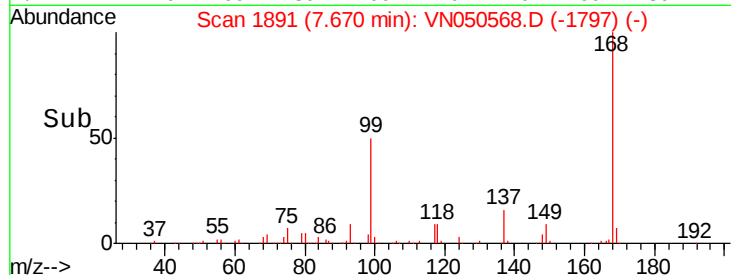
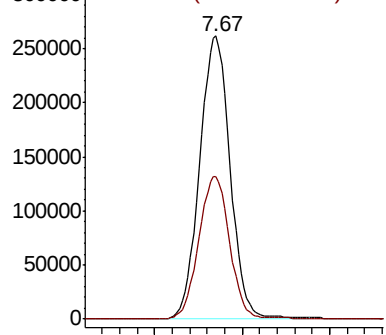
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: VN050568.D
 Acq: 13 Aug 2018 15:08

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111961ZHE#01

Tot Ion:168 Resp: 632263
 Ion Ratio Lower Upper
 168 100
 99 50.5 40.0 60.0



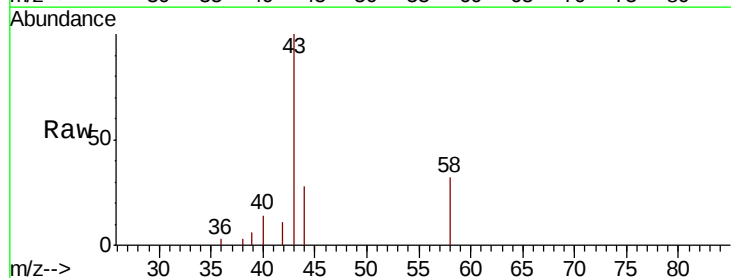
Abundance Ion 167.90 (167.60 to 168.60): VN050378.D (-1870) (-)
 Ion 98.90 (98.60 to 99.60): VN050378.D (-1870) (-)



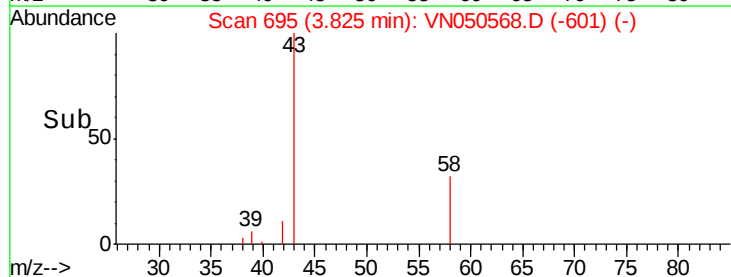
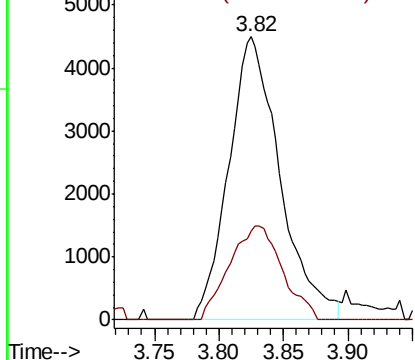
#16

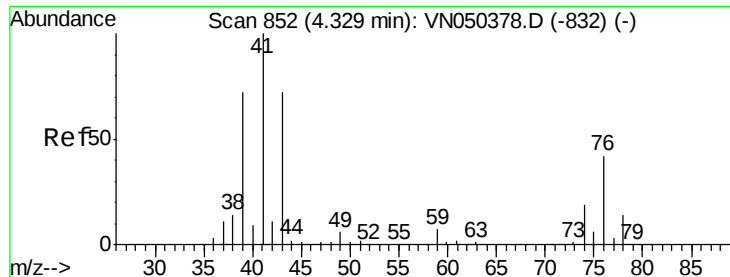
Acetone
 Concen: 4.59 ug/l
 RT: 3.82 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: VN050568.D
 Acq: 13 Aug 2018 15:08

Tgt Ion: 43 Resp: 12447
 Ion Ratio Lower Upper
 43 100
 58 31.5 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050378.D (-676) (-)
 Ion 58.00 (57.70 to 58.70): VN050378.D (-676) (-)

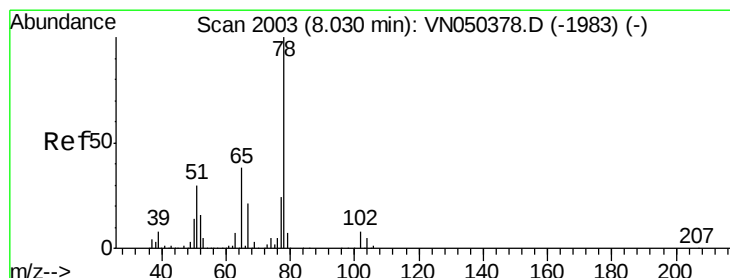
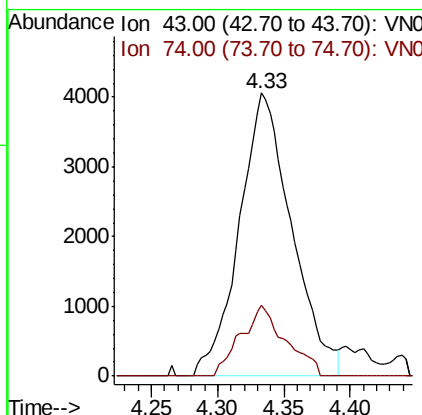
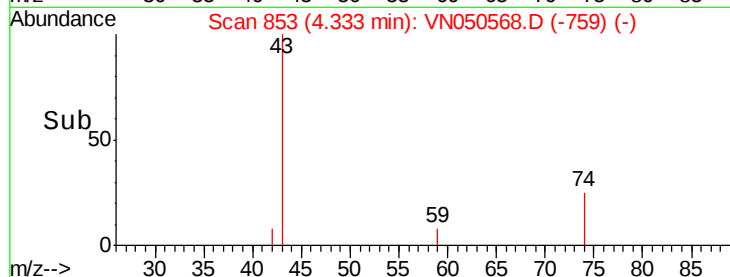
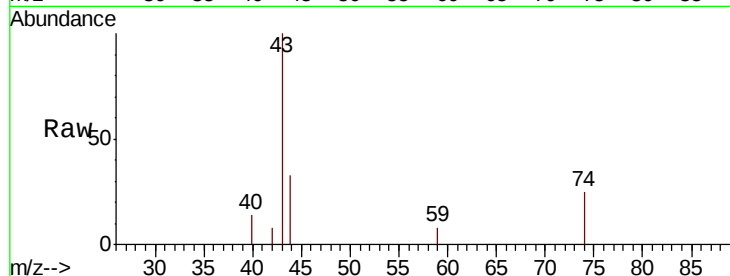




#18
Methyl Acetate
Concen: 1.52 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050568.D
Acq: 13 Aug 2018 15:08

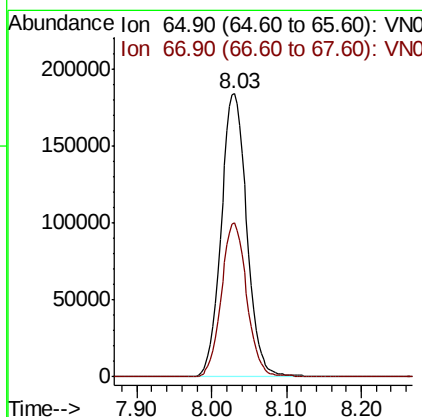
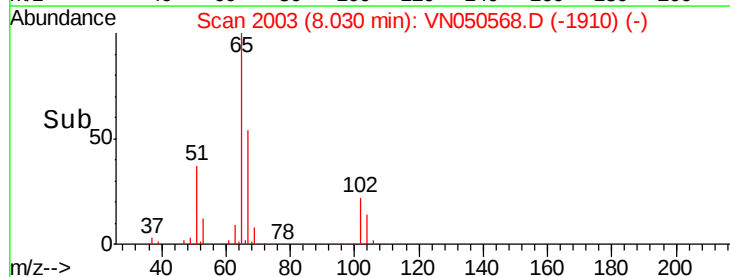
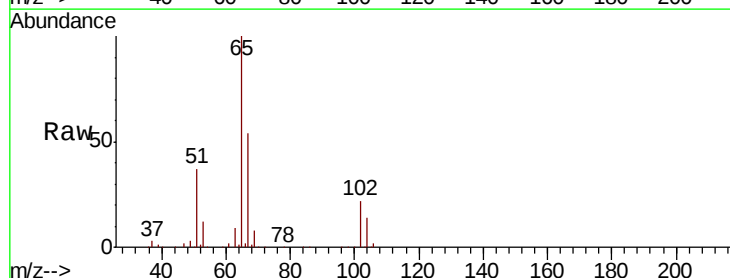
Instrument :
MSVOA_N
ClientSampleId :
PB111961ZHE#01

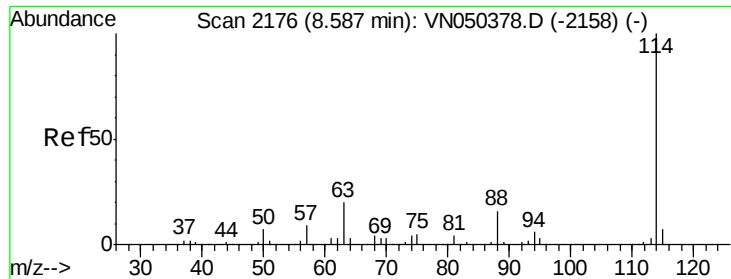
Tot Ion: 43 Resp: 11179
Ion Ratio Lower Upper
43 100
74 21.4 19.2 28.8



#33
1,2-Dichloroethane-d4
Concen: 51.74 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050568.D
Acq: 13 Aug 2018 15:08

Tgt Ion: 65 Resp: 437052
Ion Ratio Lower Upper
65 100
67 53.5 0.0 108.4

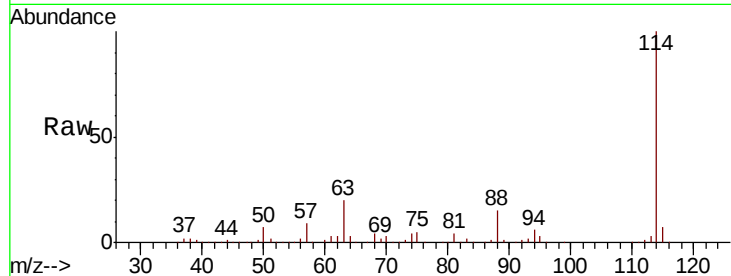




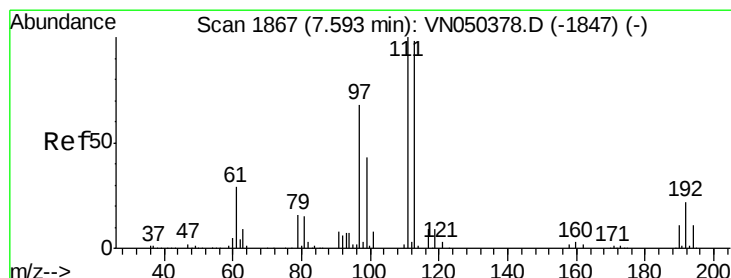
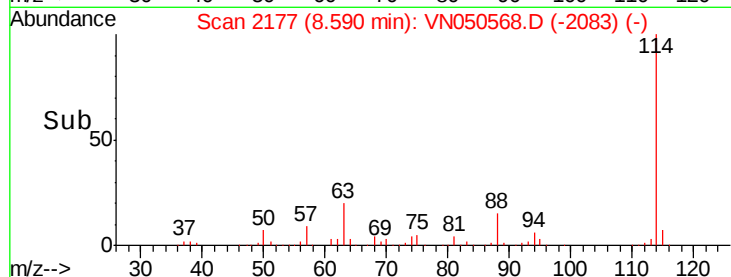
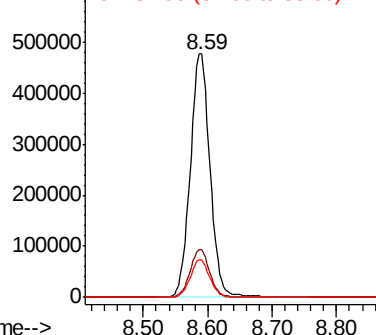
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050568.D
 Acq: 13 Aug 2018 15:08

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111961ZHE#01

Tot Ion:114 Resp: 1018431
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.4 0.0 31.2

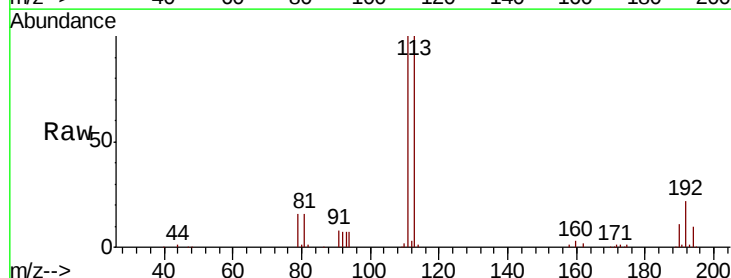


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

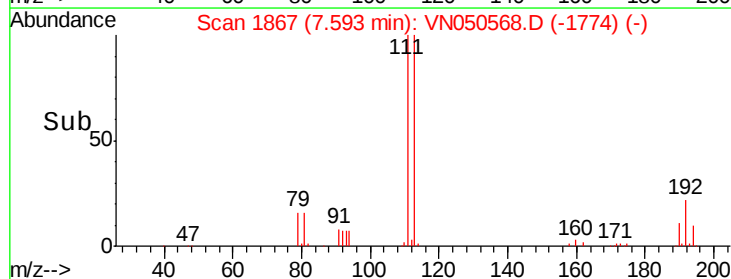
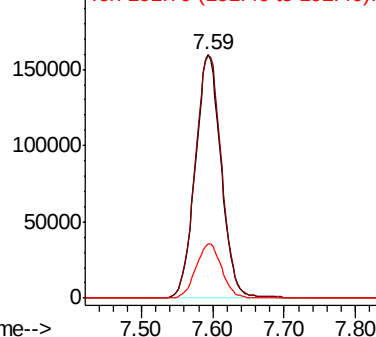


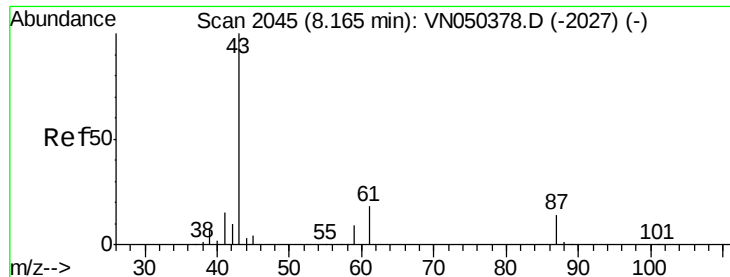
#35
 Dibromofluoromethane
 Concen: 49.08 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050568.D
 Acq: 13 Aug 2018 15:08

Tgt Ion:113 Resp: 401065
 Ion Ratio Lower Upper
 113 100
 111 102.2 80.7 121.1
 192 22.3 17.8 26.6



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 15.13 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN050568.D

Acq: 13 Aug 2018 15:08

Instrument :

MSVOA_N

ClientSampleId :

PB111961ZHE#01

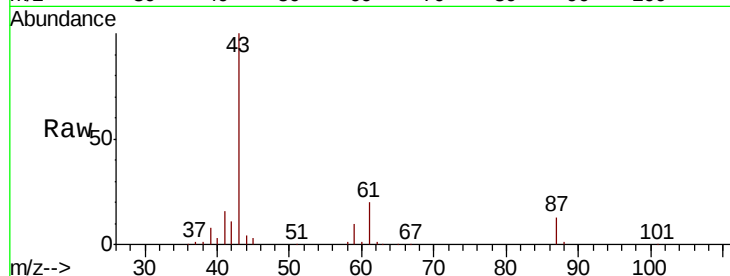
Tot Ion: 43 Resp: 210472

Ion Ratio Lower Upper

43 100

61 20.2 15.8 23.6

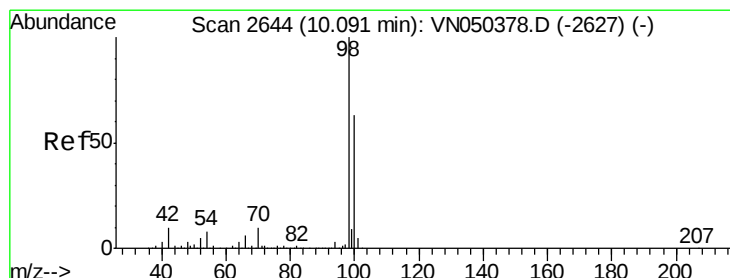
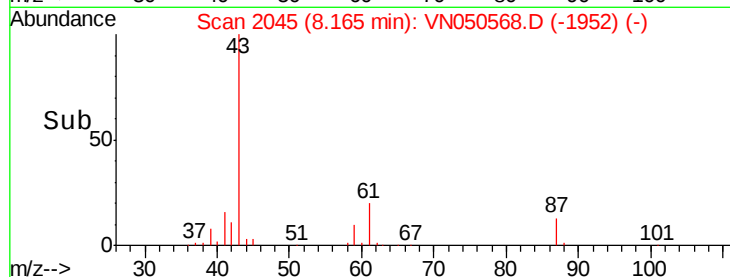
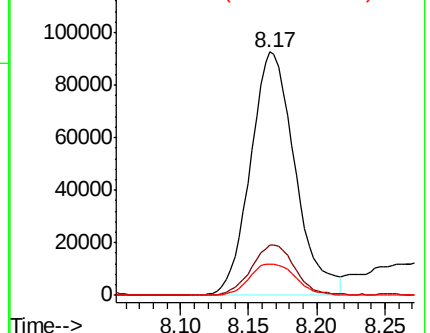
87 13.5 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VN050378.D (-2027) (-)

Ion 61.00 (60.70 to 61.70): VN050378.D (-2027) (-)

Ion 87.00 (86.70 to 87.70): VN050378.D (-2027) (-)



#50

Toluene-d8

Concen: 46.22 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050568.D

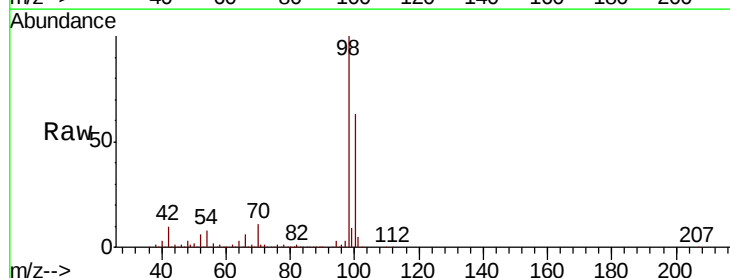
Acq: 13 Aug 2018 15:08

Tgt Ion: 98 Resp: 1420060

Ion Ratio Lower Upper

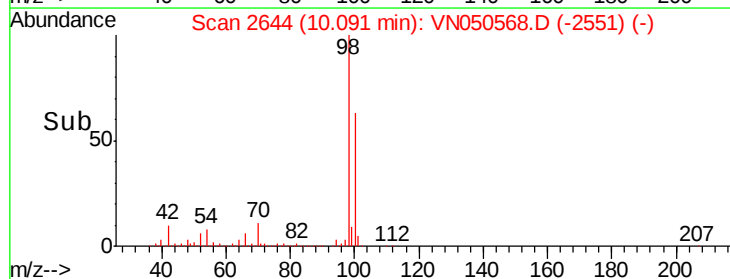
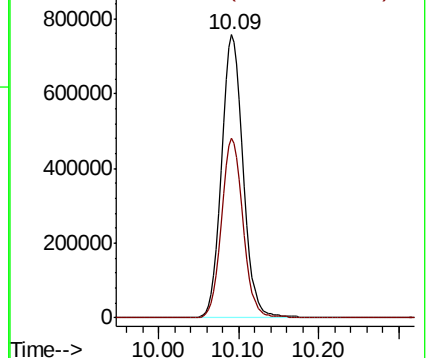
98 100

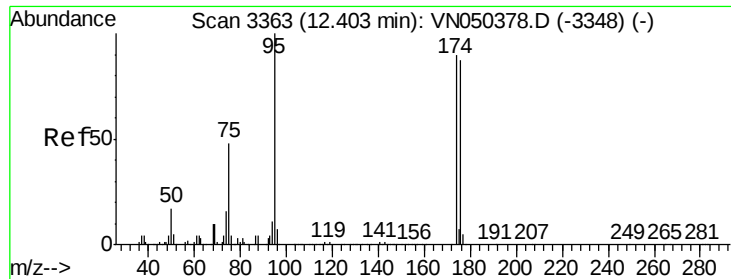
100 63.3 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN050378.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN050378.D (-2627) (-)

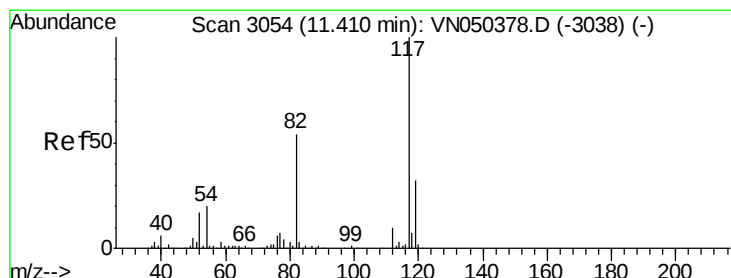
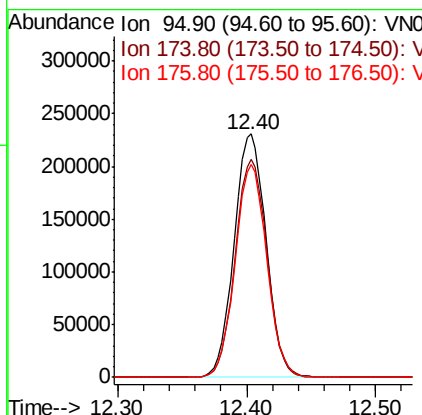
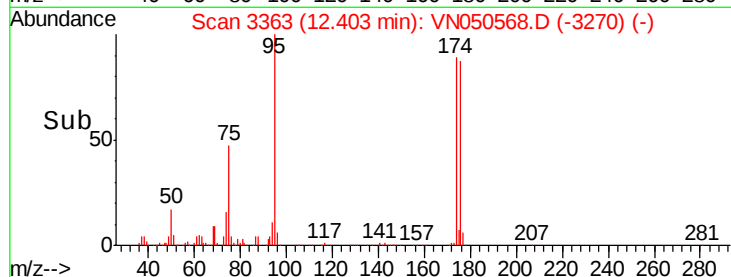
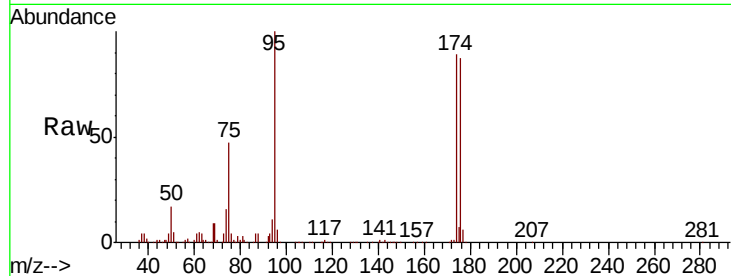




#62
4-Bromofluorobenzene
Concen: 37.89 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050568.D
Acq: 13 Aug 2018 15:08

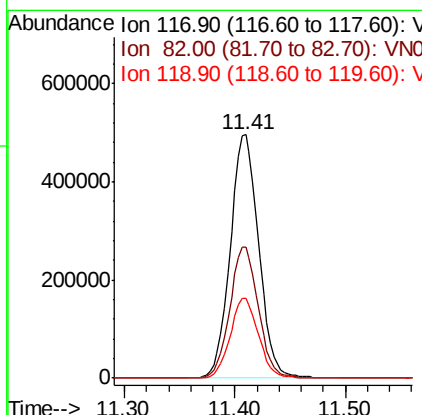
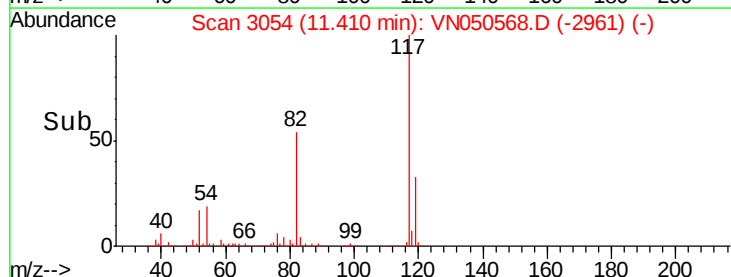
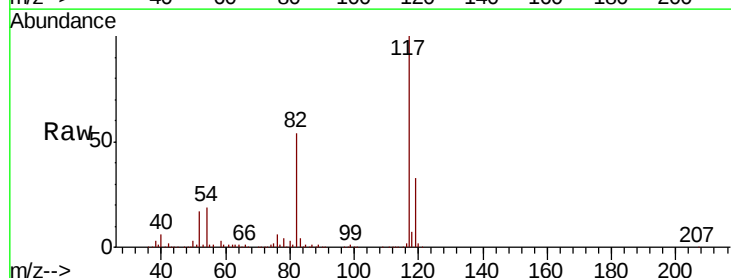
Instrument :
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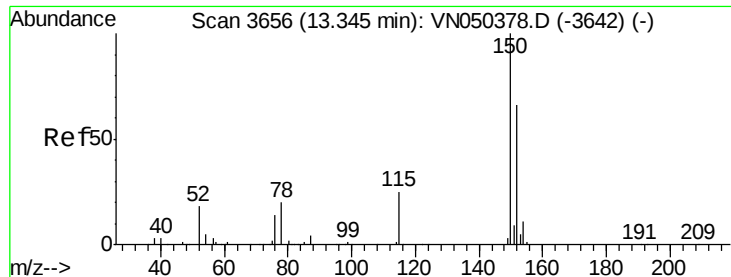
Tot Ion: 95 Resp: 396753
Ion Ratio Lower Upper
95 100
174 89.8 0.0 178.2
176 86.2 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050568.D
Acq: 13 Aug 2018 15:08

Tgt Ion: 117 Resp: 886598
Ion Ratio Lower Upper
117 100
82 53.7 43.7 65.5
119 32.7 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050568.D

Acq: 13 Aug 2018 15:08

Instrument :

MSVOA_N

ClientSampleId :

PB111961ZHE#01

Tot Ion:152 Resp: 321243

Ion Ratio Lower Upper

152 100

115 56.3 27.8 83.3

150 156.4 0.0 348.6

